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The Genetic Defect in Alpha-1-Antitrypsin Deficient Patients.

The aim of this project is to establish the genetically determined biochemical differences between alpha-1-antitrypsin from normal subjects and that of patients deficient in this protein.

Alpha-1-antitrypsin will be isolated from both groups of subjects. Peptide maps and amino acid analysis will show if there is a genetically determined difference in the amino acid moiety of the proteins.

The project starts within one week. Purification of the normal protein has been achieved. Purification of the abnormal protein will be undertaken.

Activation Date: May 1, 1974

Current Grant Level: \$41,000.

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